



RECEIVED

OCT 05 2001

TECH CENTER 1600/2900

RECEIVED

OCT 05 2001

TC 1700

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Roman M. Chicz et al.

Art Unit : 1631

Serial No. : 09/372,380

Examiner : S. Zhou

Filed : August 11, 1999

Title : PROFILING AND CATALOGING EXPRESSED PROTEIN TAGS

Commissioner for Patents  
Washington, D.C. 20231RESPONSE TO OFFICE ACTION

In response to the Office Action dated March 23, 2001, please amend the application as follows.

In the Claims:

Amend claims 8, 45, 50, 55, 60, 64, 69, 75, and 80 as follows:

B1  
SUB D3) 8. (Amended) The ligand profile of claim 1, wherein the multi-ligand binding receptor is a chaperone, a calnexin, a calreticulin, a mannosidase, a N-glycanase, a BIP, a grp94, a grp96, an E2 ubiquitin carrier protein, an E3 ubiquitin ligase, an unfoldase, a proteasome, a trafficking protein, or a retention protein.

B2  
SUB D3) 45. (Amended) The ligand profile of claim 2, wherein the multi-ligand binding receptor is a chaperone, a calnexin, a calreticulin, a mannosidase, a N-glycanase, a BIP, a grp94, a grp96, an E2 ubiquitin carrier protein, an E3 ubiquitin ligase, an unfoldase, a proteasome, a trafficking protein, or a retention protein.

B3  
SUB D3) 50. (Amended) The ligand profile of claim 3, wherein the multi-ligand binding receptor is a chaperone, a calnexin, a calreticulin, a mannosidase, a N-glycanase, a BIP, a grp94, a grp96,

## CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

Date of Deposit

September 24, 2001

Signature

Joanne D. Boyle  
JOANNE D. BOYLE

Typed or Printed Name of Person Signing Certificate

10/04/2001 MWOLDER1 00000002 061050 09372380

02 FC:203

15.00 CH

66.00 OF